

Amendments to the Abstract:

ABSTRACT

Please replace the abstract that appears on page 19 of the specification with the following revised abstract which is submitted on a separate sheet.

Abstract

~~The invention relates to an A ultrasonic flow measuring device [(1)], which is distinguished by a low energy consumption. According to the invention, a A control/evaluation unit [(11)] ascertains a plurality of sampled values (a_i with $i = 1, 2, 3, \dots$) of a received measuring signal at defined points in time (t) of a predetermined time range and interpolates the sampled values by a continuous function ($f(t)$), wherein the continuous function ($f(t)$) is formed by a sum of a predetermined number ($n \in \mathbb{N}$) of wavelets (W) and wherein each wavelet (W) corresponds to the product of a sampled value with a sinc function ($\frac{\sin(x)}{x}$) and with a Gaussian bell curve ($e^{-\alpha x^2}$, $\alpha \in \mathbb{R}$).~~